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U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
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FOREIGN PATENT DOCUMENTS

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OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		AOKI et al. Golgi retention of a trans-Golgi membrane protein, galactosyl-transferase, requires cysteine and histidine residues within the membrane-anchoring domain. (1992) Cell Biology 89, 4319-4323	
		BOYD et al. The effect of the removal of sialic acid, galactose and total carbohydrate on the functional activity of Campath-1H (1995) Mol Imm. 32, 1311-8.	
		COLLEY "Golgi localization of glycosyltransferases: more questions than answers" (1997) Glycobiology 7(1):1-13.	
		DE VRIES et al. Isolation of total and polysomal RNA from plant tissues. (1991) Plant Mol. Biology B6/1-13.	
		DIERYCK et al. Human Haemoglobin from transgenic tobacco (1997) Nature 386, 29-30.	
		FAYE et al Affinity purification of antibodies specific for Asn-linked glycans containing alpha 1 --> 3 fucose or beta --> 2 xylose. (1993) Anal Biochem 209, 104-8.	
		FITCHETTE LAINE et al. N-glycans harboring the Lewis a epitope are expressed at the surface of plant cells. (1997) Plan J 12, 1411-7.	
		FLORACK et al. Expression of giant silkworm cecropin B genes in tobacco. (1995) Transgenic Research 4, 132-141.	
		GLEESON "Targeting of proteins to the Golgi apparatus" (1998) Histochem Cell Biol. 109: 517-532	
		HOLLISTER et al. Stable expression of mammalian β 1,4-galactosyltransferase extends the N-glycosylation pathway in insect cells. (1998) Glycobiology 8(5): 473-480.	
		HORSCH et al. A simple and general method for transferring genes into plants. (1985) Science 227, 1229-1231	

	JARVIS and FINN Modifying the insect cell N-glycosylation pathway with immediate early baculovirus expression vectors. (1996) Nat Biotechnol 14, 1288-92	
	JOHNSON and CHRISPEELS Substrate specificities of N-acetylglucosaminyl-, fucosyl-, and xylosyltransferases that modify glycoproteins in the Golgi apparatus of bean cotyledons. (1987) Plant Physiology 84, 1301-1308	
	MA et al. Generation and assembly of secretory antibodies in plants (1995) Science 268, 716-9.	
	MATSUMOTO et al. Characterization of a human glycoprotein (erythropoietin) produced in cultured tobacco cells. Mol. Biol. 27, 1163-1172	
	MELO et al. Identification of the human Lewis(a) carbohydrate motif in a secretory peroxidase from a plant cell suspension culture (Vaccinium myrtillus L.) FEBS Lett 415, 186-91	
	MILLAND et al. "The cytoplasmic tail of α 1,2-fucosyltransferase contains a sequence for golgi localization" (2001) J. Biol. Chem. 276(15):12012-12018	
	MUNRO "Localization of proteins to the Golgi apparatus" (1998) Trends Cell Biol. 8(1): 11-15.	
	RAYON et al. Characterization of N-Glycans from Arabidopsis. Application to a Fucose-Deficient Mutant (1999) Plant Physiology 119, 725-733	
	SAITO et al. Integration and expression of a rabbit liver cytochrome P-450 gene in transgenic Nicotiana tabacum (1991) Proc. Natl. Acad. Sci. 88, 7041-7045	
	SCHINDLER et al. Arabinogalactan proteins in maize coleoptiles: developmental relationship to cell death during xylem differentiation but not to extension growth. (1995) Plant JU 7, 25-36	
	SHAPER et al. Bovine galactosyltransferase: identification of a clone by direct immunological screening of a cDNA expression library. (1986) Proc Natl Acad Sci USA 83, 1573-7	
	SMANT et al. Potato root diffusate- induced secretion of soluble, basic proteins originating from the subventral esophageal glands of potato cyst nematodes (1997) Phytopathology 87, 839-845	
	STANLEY and IOFFE Glycosyltransferase mutants: key to new insights in glycobiology (1995) Faseb j 9, 1436-44	
	STANLEY et al. CHO cells provide access to novel N-glycans and developmentally regulated glycosyltransferases. (1996) Glycobiology 6, 695-9	
	STURM et al. "Subcellular localization of glycosidases and glycosyltransferases involved in the processing of N-linked oligosaccharides" (1987) Plant Physiol. 85(3):741-745.	
	THANAVALA et al. Immunogenicity of transgenic plant derived hepatitis B surface antigen. (1995) Proc Natl Acad Sci USA 92, 3358-3361	
	VAN ENGELN et al. pBINPLUS: an improved plant transformation vector based on pBIN19. (1995) Transgenic Res 4, 288-90	
	VON SCHAEWEN et al. Isolation of a mutant arabidopsis plant that lacks N-acetyl glucosaminyl transferase I and is unable to synthesize Golgi-modified complex N-linked glycans. (1993) Plant Physiol 102, 1109-18	
	YAMAGUCHI and FUKUDA Golgi retention mechanism of β -1,4-Galactosyltransferase (1995) J of Biol Chemistry 270(20): 12170-12176	

EXAMINER:	DATE CONSIDERED:
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